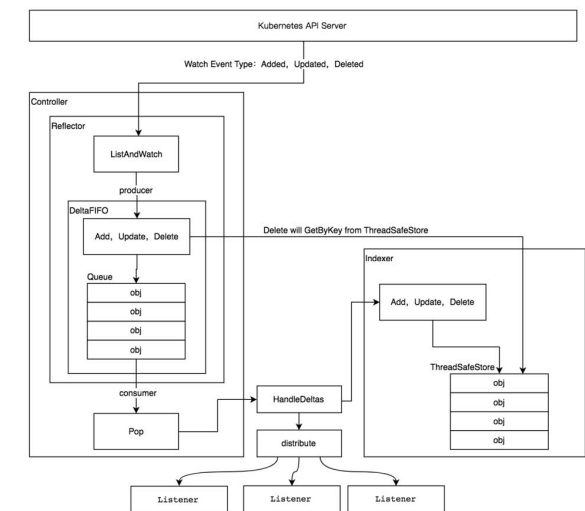


Kubernetes Informerclient-go

client-goKubernetesInformerControllerCRD

1K8SInformer


K8SServer-ClientK8SetcdapiserverapiserverList&WatchapiserverInformerList-watchkubernetesInformer

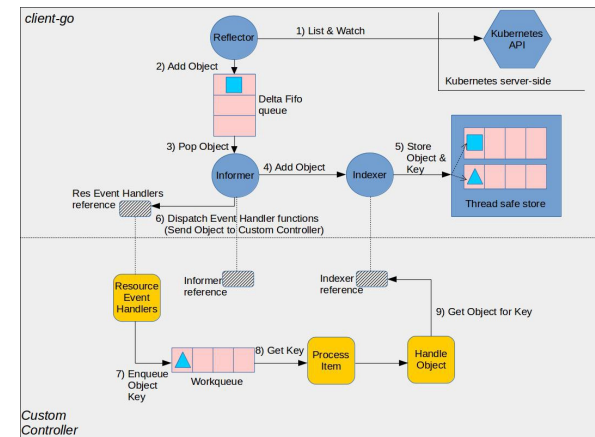


Informer In Kubernetes

2Controllerclient-go

client-goclient-goController<https://github.com/kubernetes/sample-controller/blob/master/docs/controller-client-go.md>

 client-go<https://github.com/kubernetes/client-go>



Controllerclient-goKubernetes

1Reflector

Content Menu

- - 1K8SInformer
 - 2Controllerclient-go
- - 1Reflector
 - 2DeltaFIFO
 - 3Informer
 - 4Indexer
- - 1Reflector
 - 2ListAndWatch

Reflector kubernetes api server list&watch list&watch list&watch K8S () Delta Fifo

2DeltaFIFO

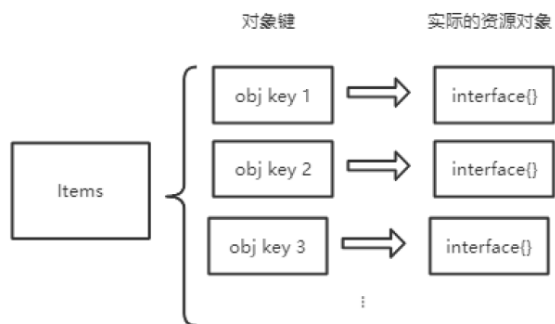
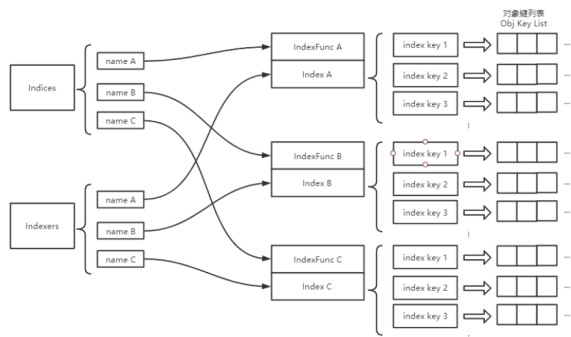
Delta FIFODeltaFIFOeventPOPIndexer

3Informer

Informer Controller Delta Filo 5)Controller 6)

4Indexer

Indexer Controller Indexer

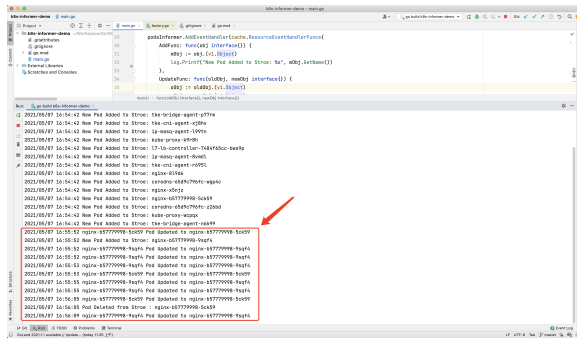


Pod

PodPod

```
$ kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
nginx-b57779998-5ck59              1/1     Running   0           19h
$ kubectl delete pod nginx-b57779998-5ck59
pod "nginx-b57779998-5ck59" deleted
```

kubectl delete

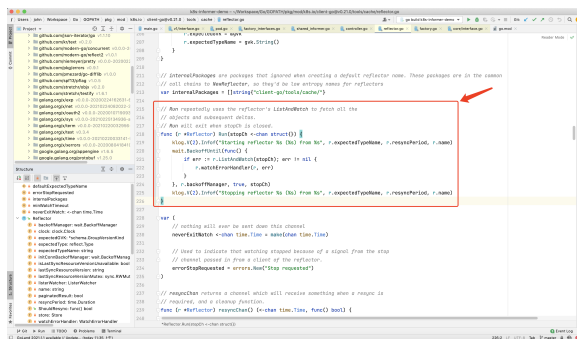


PodsInformer.Run(stopCh) Reflector

1Reflector

InformerKubernetesApi ServerWatchReflectorReflectorKubernetesDeltaFIFONewReflectorReflector
ListerWatcher ListerWatcherListWatchListWatchListWatcher

<https://github.com/kubernetes/client-go/blob/8c8fa70f7a2acc191d4787327639621f69992efd/tools/cache/reflector.go#L218>



ReflectorRunListAndWatchListWatchKubernetes Api Server

2ListAndWatch

ListAndWatchListwatch

<https://github.com/kubernetes/client-go/blob/8c8fa70f7a2acc191d4787327639621f69992efd/tools/cache/reflector.go#L254>

